

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSPTAALC1654

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

***** Welcome to STN International *****

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 DEC 05 CASREACT(R) - Over 10 million reactions available
NEWS 4 DEC 14 2006 MeSH terms loaded in MEDLINE/LMEDLINE
NEWS 5 DEC 14 2006 MeSH terms loaded for MEDLINE file segment of TOXCENTER
NEWS 6 DEC 14 CA/CAPlus to be enhanced with updated IPC codes
NEWS 7 DEC 21 IPC search and display fields enhanced in CA/CAPlus with the
IPC reform
NEWS 8 DEC 23 New IPC8 SEARCH, DISPLAY, and SELECT fields in USPATFULL/
USPAT2
NEWS 9 JAN 13 IPC 8 searching in IFIPAT, IFIUDB, and IFICDB
NEWS 10 JAN 13 New IPC 8 SEARCH, DISPLAY, and SELECT enhancements added to
INPADOC

NEWS EXPRESS JANUARY 03 CURRENT VERSION FOR WINDOWS IS V8.01,
CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 19 DECEMBER 2005.
V8.0 USERS CAN OBTAIN THE UPGRADE TO V8.01 AT
<http://download.cas.org/express/v8.0-Discover/>

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
specific topic.

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agreement. Please note that this agreement limits use to scientific
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of commercial gateways or other similar uses is prohibited and may
result in loss of user privileges and other penalties.

***** STN Columbus *****

FILE 'HOME' ENTERED AT 19:49:42 ON 16 JAN 2006

=> index bioscience

FILE 'DRUGMONOG' ACCESS NOT AUTHORIZED

COST IN U.S. DOLLARS

SINCE FILE
ENTRY

TOTAL
SESSION

FULL ESTIMATED COST

0.21

0.21

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE, AQUASCI, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAPLUS, CEABA-VTB, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, DRUGB, DRUGMONOG2, DRUGU, EMBAL, EMBASE, ...' ENTERED AT 19:50:22 ON 16 JAN 2006

70 FILES IN THE FILE LIST IN STNINDEX

Enter SET DETAIL ON to see search term postings or to view
search error messages that display as 0* with SET DETAIL OFF.

=> s (barley or Hordeum)s(ferment or fermented) and pd<20020419 and ("glutamic acid" and glycine and "Aspartic acid" and proline and serine)
MISSING OPERATOR HORDEUM)S(FERMENT

The search profile that was entered contains terms or
nested terms that are not separated by a logical operator.

=> s (barley or Hordeum)(s)(ferment or fermented) and pd<20020419 and ("glutamic acid" and glycine and "Aspartic acid" and proline and serine)
0* FILE AGRICOLA

<-----User Break----->

=> s (barley or Hordeum) and pd<20020419 and ("glutamic acid" and glycine and "Aspartic acid" and proline and serine)

0* FILE AGRICOLA

0* FILE ANABSTR

6 FILES SEARCHED...

9 FILES SEARCHED...

<-----User Break----->

=> file biosis

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

3.66

3.87

FILE 'BIOSIS' ENTERED AT 19:53:53 ON 16 JAN 2006

Copyright (c) 2006 The Thomson Corporation

FILE COVERS 1969 TO DATE.

CAS REGISTRY NUMBERS AND CHEMICAL NAMES (CNs) PRESENT
FROM JANUARY 1969 TO DATE.

RECORDS LAST ADDED: 11 January 2006 (20060111/ED)

=> s (barley or Hordeum) and pd<20020419 and ("glutamic acid" and glycine and "Aspartic acid" and proline and serine)

46891 BARLEY

632 BARLEYS

46982 BARLEY

(BARLEY OR BARLEYS)

16374 HORDEUM

13045287 PD<20020419

(PD<20020419)

30730 "GLUTAMIC"

1232051 "ACID"

331774 "ACIDS"

1379628 "ACID"

("ACID" OR "ACIDS")

23239 "GLUTAMIC ACID"
 ("GLUTAMIC" (W) "ACID")
 68296 GLYCINE
 2439 GLYCINES
 69846 GLYCINE
 (GLYCINE OR GLYCINES)
 16559 "ASPARTIC"
 1232051 "ACID"
 331774 "ACIDS"
 1379628 "ACID"
 ("ACID" OR "ACIDS")
 13892 "ASPARTIC ACID"
 ("ASPARTIC" (W) "ACID")
 34974 PROLINE
 631 PROLINES
 35255 PROLINE
 (PROLINE OR PROLINES)
 67418 SERINE
 1430 SERINES
 68130 SERINE
 (SERINE OR SERINES)

L1 7 (BARLEY OR HORDEUM) AND PD<20020419 AND ("GLUTAMIC ACID" AND
 GLYCINE AND "ASPARTIC ACID" AND PROLINE AND SERINE)

=> d 11 1-7 ti

L1 ANSWER 1 OF 7 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN
 TI Studies on the effect of dietary crude protein supply on the composition
 of ileal endogenous crude protein loss in growing pigs.

L1 ANSWER 2 OF 7 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN
 TI Biochemical and immunological characterization of alpha-amylase isoenzymes
 of Araucaria araucana.

L1 ANSWER 3 OF 7 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN
 TI AMINO-ACID COMPOSITION OF 6 GRAINS AND WINTER WHEAT FORAGE.

L1 ANSWER 4 OF 7 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN
 TI INTER AMINO-ACID INHIBITION OF TRANSPORT IN HIGHER PLANTS EVIDENCE FOR 2
 TRANSPORT CHANNELS WITH ASCERTAINABLE AFFINITIES FOR AMINO-ACIDS.

L1 ANSWER 5 OF 7 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN
 TI AMINO-ACID COMPOSITION OF THE BASIC PIG AND POULTRY FEEDS.

L1 ANSWER 6 OF 7 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN
 TI THE INFLUENCE OF THE HIND GUT MICRO FLORA ON THE DIGESTIBILITY OF PROTEIN
 AND AMINO-ACIDS IN GROWING PIGS ELUCIDATED BY ADDITION OF ANTIBIOTICS TO
 DIFFERENT FRACTIONS OF BAPLEY.

L1 ANSWER 7 OF 7 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN
 TI PROTEIN CONTENT AND AMINO-ACID COMPOSITION OF TISSUE COMPONENTS IN
 DEVELOPING BARLEY.

=> d 11 3, 5, 7 ibib

L1 ANSWER 3 OF 7 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN
 ACCESSION NUMBER: 1984:241887 BIOSIS Full-text
 DOCUMENT NUMBER: PREV198477074871; BA77:74871
 TITLE: AMINO-ACID COMPOSITION OF 6 GRAINS AND WINTER WHEAT FORAGE.

AUTHOR(S): MOREY D D [Reprint author]; EVANS J J
 CORPORATE SOURCE: COASTAL PLAIN EXPERIMENT STATION, TIFTON, GA 31793, USA
 SOURCE: Cereal Chemistry, (1983) Vol. 60, No. 6, pp. 461-464.
 CODEN: CECHAF. ISSN: 0009-0352.

DOCUMENT TYPE: Article
 FILE SEGMENT: BA
 LANGUAGE: ENGLISH

L1 ANSWER 5 OF 7 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN
 ACCESSION NUMBER: 1981:158490 BIOSIS Full-text
 DOCUMENT NUMBER: PREV198171028482; BA71:28482
 TITLE: AMINO-ACID COMPOSITION OF THE BASIC PIG AND POULTRY FEEDS.
 AUTHOR(S): DZHAROVA M [Reprint author]; ANGELOVA L
 CORPORATE SOURCE: INST ANIM HUSB, KOSTINBROD, BULG
 SOURCE: Zhivotnov"dni Nauki, (1979) Vol. 16, No. 5, pp. 63-74.
 CODEN: ZHVNAS. ISSN: 0514-7441.

DOCUMENT TYPE: Article
 FILE SEGMENT: BA
 LANGUAGE: BULGARIAN

L1 ANSWER 7 OF 7 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN
 ACCESSION NUMBER: 1976:171806 BIOSIS Full-text
 DOCUMENT NUMBER: PREV197662001806; BA62:1806
 TITLE: PROTEIN CONTENT AND AMINO-ACID COMPOSITION OF TISSUE COMPONENTS IN DEVELOPING BAPLEY.
 AUTHOR(S): POMERANZ Y; ROBBINS G S; GILBERTSON J T
 SOURCE: Journal of Food Science, (1976) Vol. 41, No. 2, pp. 283-285.
 CODEN: JFDSAZ. ISSN: 0022-1147.

DOCUMENT TYPE: Article
 FILE SEGMENT: BA
 LANGUAGE: Unavailable

=> log y
 COST IN U.S. DOLLARS

	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	7.08	10.95

STN INTERNATIONAL LOGOFF AT 19:55:20 ON 16 JAN 2006

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSPTAALC1654

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page for STN Seminar Schedule - N. America
 NEWS 2 OCT 02 CA/CAPlus enhanced with pre-1907 records from Chemisches
 Zentralblatt
 NEWS 3 OCT 19 BEILSTEIN updated with new compounds
 NEWS 4 NOV 15 Derwent Indian patent publication number format enhanced
 NEWS 5 NOV 19 WPIX enhanced with XML display format
 NEWS 6 NOV 30 ICSD reloaded with enhancements
 NEWS 7 DEC 04 LINPADOCDB now available on STN
 NEWS 8 DEC 14 BEILSTEIN pricing structure to change
 NEWS 9 DEC 17 USPATOLD added to additional database clusters
 NEWS 10 DEC 17 IMSDRUGCONF removed from database clusters and STN
 NEWS 11 DEC 17 DGENE now includes more than 10 million sequences
 NEWS 12 DEC 17 TOXCENTER enhanced with 2008 MeSH vocabulary in
 MEDLINE segment
 NEWS 13 DEC 17 MEDLINE and LMEDLINE updated with 2008 MeSH vocabulary
 NEWS 14 DEC 17 CA/CAPlus enhanced with new custom IPC display formats
 NEWS 15 DEC 17 STN Viewer enhanced with full-text patent content
 from USPATOLD
 NEWS 16 JAN 02 STN pricing information for 2008 now available
 NEWS 17 JAN 16 CAS patent coverage enhanced to include exemplified
 prophetic substances
 NEWS 18 JAN 28 USPATFULL, USPAT2, and USPATOLD enhanced with new
 custom IPC display formats
 NEWS 19 JAN 28 MARPAT searching enhanced
 NEWS 20 JAN 28 USGENE now provides USPTO sequence data within 3 days
 of publication
 NEWS 21 JAN 28 TOXCENTER enhanced with reloaded MEDLINE segment
 NEWS 22 JAN 28 MEDLINE and LMEDLINE reloaded with enhancements
 NEWS 23 FEB 08 STN Express, Version 8.3, now available
 NEWS 24 FEB 20 PCI now available as a replacement to DPCI
 NEWS 25 FEB 25 IFIREF reloaded with enhancements
 NEWS 26 FEB 25 IMSPRODUCT reloaded with enhancements
 NEWS 27 FEB 29 WPINDEX/WPIDS/WPIX enhanced with ECLA and current
 U.S. National Patent Classification

NEWS EXPRESS FEBRUARY 08 CURRENT WINDOWS VERSION IS V8.3,
 AND CURRENT DISCOVER FILE IS DATED 20 FEBRUARY 2008

NEWS HOURS STN Operating Hours Plus Help Desk Availability
 NEWS LOGIN Welcome Banner and News Items
 NEWS IPC8 For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that
 specific topic.

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 of commercial gateways or other similar uses is prohibited and may
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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 12:26:58 ON 18 MAR 2008

=> file biosis
 COST IN U.S. DOLLARS
 FULL ESTIMATED COST

SINCE FILE	TOTAL
ENTRY	SESSION
0.21	0.21

FILE 'BIOSIS' ENTERED AT 12:27:10 ON 18 MAR 2008
Copyright (c) 2008 The Thomson Corporation

FILE COVERS 1926 TO DATE.
CAS REGISTRY NUMBERS AND CHEMICAL NAMES (CNs) PRESENT
FROM JANUARY 1926 TO DATE.

RECORDS LAST ADDED: 12 March 2008 (20080312/ED)

BIOSIS has been augmented with 1.8 million archival records from 1926 through 1968. These records have been re-indexed to match current BIOSIS indexing.

=> s (shochu) and (leeds or lees or by-product or residue or stillage or slop or bottom or bottoms) and (adsorb or adsorbion or absorb or absorbion or filter or filtrate or fraction or fractionation) and pd<20020419

155 SHOCHU
1 SHOCHUS
155 SHOCHU
 (SHOCHU OR SHOCHUS)
1007 LEEDS
512 LEES
298664 PRODUCT
320715 PRODUCTS
561796 BY-PRODUCT
 (PRODUCT OR PRODUCTS)
116861 RESIDUE
198853 RESIDUES
271581 RESIDUE
 (RESIDUE OR RESIDUES)
257 STILLAGE
9 STILLAGES
257 STILLAGE
 (STILLAGE OR STILLAGES)
167 SLOP
86 SLOPS
243 SLOP
 (SLOP OR SLOPS)
44148 BOTTOM
3135 BOTTOMS
46371 BOTTOM
 (BOTTOM OR BOTTOMS)
3135 BOTTOMS
3619 ADSORB
898 ADSORBS
4421 ADSORB
 (ADSORB OR ADSORBS)
147 ADSORBTION
7113 ABSORB
1952 ABSORBS
8933 ABSORB
 (ABSORB OR ABSORBS)
385 ABSORBTION
5 ABSORBTIONS
388 ABSORBTION
 (ABSORBTION OR ABSORBTIONS)
49102 FILTER
20077 FILTERS
62392 FILTER

```

(FILTER OR FILTERS)
11699 FILTRATE
7658 FILTRATES
17886 FILTRATE
(FILTRATE OR FILTRATES)
253263 FRACTION
150517 FRACTIONS
353336 FRACTION
(FRACTION OR FRACTIONS)
49414 FRACTIONATION
938 FRACTIONATIONS
50061 FRACTIONATION
(FRACTIONATION OR FRACTIONATIONS)
14902510 PD<20020419
(PD<20020419)

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L1      6 (SHOCHU) AND (LEEDS OR LEES OR BY-PRODUCT OR RESIDUE OR STILLAGE
OR SLOP OR BOTTOM OR BOTTOMS) AND (ADSORB OR ADSORPTION OR ABSOR
OR ABSORPTION OR FILTER OR FILTRATE OR FRACTION OR FRACTIONAT
ION) AND PD<20020419

```

=> d l1 1-6 ti

```

L1 ANSWER 1 OF 6 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN
TI Production of gamma-aminobutyric acid from alcohol distillery lees
by Lactobacillus brevis IFO-12005.

L1 ANSWER 2 OF 6 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN
TI Production and some properties of low-salt seasoning from shochu
distillery waste.

L1 ANSWER 3 OF 6 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN
TI Separation of growth promoting factor of broiler chicken from
shochu distillery by-product.

L1 ANSWER 4 OF 6 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN
TI Mutagenicity of 1-methyl-1,2,3,4-tetrahydro-beta-carboline-3-carboxylic
acid treated with nitrite in the presence of alcohols.

L1 ANSWER 5 OF 6 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN
TI Solid-liquid separation in wastewater from a barley Shochu
distillery using Geotrichum sp. M111 and treatment of the liquid component
with Hansenula anomala and activated sludge: Note.

L1 ANSWER 6 OF 6 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN
TI Microflora of a modified tower-trickling filter in experimental
treatments of shochu distiller's slops.

```

```

=> d l1 2, 5, 6ibib
'6IBIB' IS NOT A VALID FORMAT FOR FILE 'BIOSIS'

```

The following are valid formats:

The default display format is BIB.

```

ABS ----- AB
ALL ----- AN, DN, TI, AU, CS, PI, SO, DT, FS, LA, OS, ED, AB,
NCL, CC, IT (CT, ST), GT, ORGN, RN, CN, GEN
BIB ----- AN, DN, TI, AU, CS, PI, SO, DT, FS, LA, OS, ED
CBIB ----- AN, compressed bibliographic information

```

DALL ----- ALL, delimited for post-processing
 IABS ----- ABS, with text label
 IALL ----- ALL, indented with text labels
 IBIB ----- BIB, indented with text labels
 IIND ----- IND, indented with text labels
 IND ----- NCL, CC, IT (CT, ST), GT, ORGN, RN, CN, GEN
 HIT ----- all fields containing hit search terms
 HITIND ----- IND
 KWIC ----- Hit terms plus 20 words on either side
 OCC ----- number of occurrences of hit terms and fields
 in which they occur

Hit terms will be highlighted in all available fields except MY and PY.

To display a particular field or fields, enter the display field codes. For a list of display field codes, enter 'HELP DFIELDS' at an arrow prompt (=>). Examples of formats include: 'BIB'; 'AB'; 'SO'. You may specify the format fields in any order, and the information will be displayed in the same order as the format specification.

The same formats (except for HIT, HITIND, KWIC, and OCC) may be used with the DISPLAY ACC command to display the record for a specified Accession Number.

ENTER DISPLAY FORMAT (BIB):d 11 2, 5, 6 ibib
 'D' IS NOT A VALID FORMAT FOR FILE 'BIOSIS'

The following are valid formats:

The default display format is BIB.

ABS ----- AB
 ALL ----- AN, DN, TI, AU, CS, PI, SO, DT, FS, LA, OS, ED, AB,
 NCL, CC, IT (CT, ST), GT, ORGN, RN, CN, GEN
 BIB ----- AN, DN, TI, AU, CS, PI, SO, DT, FS, LA, OS, ED
 CBIB ----- AN, compressed bibliographic information
 DALL ----- ALL, delimited for post-processing
 IABS ----- ABS, with text label
 IALL ----- ALL, indented with text labels
 IBIB ----- BIB, indented with text labels
 IIND ----- IND, indented with text labels
 IND ----- NCL, CC, IT (CT, ST), GT, ORGN, RN, CN, GEN
 HIT ----- all fields containing hit search terms
 HITIND ----- IND
 KWIC ----- Hit terms plus 20 words on either side
 OCC ----- number of occurrences of hit terms and fields
 in which they occur

Hit terms will be highlighted in all available fields except MY and PY.

To display a particular field or fields, enter the display field codes. For a list of display field codes, enter 'HELP DFIELDS' at an arrow prompt (=>). Examples of formats include: 'BIB'; 'AB'; 'SO'. You may specify the format fields in any order, and the information will be displayed in the same order as the format specification.

The same formats (except for HIT, HITIND, KWIC, and OCC) may be

used with the DISPLAY ACC command to display the record for a specified Accession Number.

ENTER DISPLAY FORMAT (BIB):ibib

L1 ANSWER 2 OF 6 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN
ACCESSION NUMBER: 2001:484186 BIOSIS Full-text
DOCUMENT NUMBER: PREV200100484186
TITLE: Production and some properties of low-salt seasoning from
shochu distillery waste.
AUTHOR(S): Yokoyama, Sadaji [Reprint author]; Tarumi, Shouji
CORPORATE SOURCE: Alcoholic Beverages and Food Research Laboratories, Takara
Shuzo Co., Ltd., 3-4-1 Seta, Otsu, Shiga, 520-2193, Japan
yokoyamas@takara.co.jp
SOURCE: Seibutsu-Kogaku Kaishi, (2001) Vol. 79, No. 7,
pp. 211-217. print.
ISSN: 0919-3758.
DOCUMENT TYPE: Article
LANGUAGE: Japanese
ENTRY DATE: Entered STN: 17 Oct 2001
Last Updated on STN: 23 Feb 2002

L1 ANSWER 5 OF 6 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN
ACCESSION NUMBER: 1995:509661 BIOSIS Full-text
DOCUMENT NUMBER: PREV199598514711
TITLE: Solid-liquid separation in wastewater from a barley
Shochu distillery using Geotrichum sp. M111 and
treatment of the liquid component with Hansenula anomala
and activated sludge: Note.
AUTHOR(S): Akita, Osamu [Reprint author]; Suzuki, Osamu; Takamine,
Kazunori; Setoguchi, Shinji; Iwashita, Yujiro; Iefuji,
Haruyuki; Obata, Takaji
CORPORATE SOURCE: Natl. Res. Inst. Brewing, 8511-14 Misonou, Saijo-cho,
Higashihiroshima 739, Japan
SOURCE: Seibutsu-Kogaku Kaishi, (1995) Vol. 73, No. 5,
pp. 397-404.
ISSN: 0919-3758.
DOCUMENT TYPE: Article
LANGUAGE: Japanese
ENTRY DATE: Entered STN: 29 Nov 1995
Last Updated on STN: 29 Nov 1995

=> d l1 6 ibib

L1 ANSWER 6 OF 6 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN
ACCESSION NUMBER: 1993:522105 BIOSIS Full-text
DOCUMENT NUMBER: PREV199396135512
TITLE: Microflora of a modified tower-trickling filter
in experimental treatments of shochu distiller's
shops.
AUTHOR(S): Tanabe, Ikunosuke [Reprint author]; Shimoya, Akira
CORPORATE SOURCE: Dep. Agricultural Chemistry, Faculty Agriculture, Kagoshima
Univ., 21-24 Korimoto-1-chome, Kagoshima 890, Japan
SOURCE: Seibutsu-Kogaku Kaishi, (1993) Vol. 71, No. 5,
pp. 333-339.
ISSN: 0919-3758.
DOCUMENT TYPE: Article
LANGUAGE: Japanese
ENTRY DATE: Entered STN: 19 Nov 1993
Last Updated on STN: 19 Nov 1993

=> file caplus
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
8.49	8.70

FULL ESTIMATED COST

FILE 'CAPLUS' ENTERED AT 12:28:41 ON 18 MAR 2008
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FILE COVERS 1907 - 18 Mar 2008 VOL 148 ISS 12
FILE LAST UPDATED: 17 Mar 2008 (20080317/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/infopolicy.html>

=> s 11

THE ESTIMATED SEARCH COST FOR FILE 'CAPLUS' IS 38.16 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y

1043 SHOCHU
4 SHOCHUS
1043 SHOCHU
(SHOCHU OR SHOCHUS)
845 LEEDS
2294 LEES
1 LEESES
2295 LEES
(LEES OR LEESES)
1264557 PRODUCT
1486377 PRODUCTS
2398320 BY-PRODUCT
(PRODUCT OR PRODUCTS)
401685 RESIDUE
393016 RESIDUES
703184 RESIDUE
(RESIDUE OR RESIDUES)
553 STILLAGE
17 STILLAGES
559 STILLAGE
(STILLAGE OR STILLAGES)
1135 SLOP
3136 SLOPS
3902 SLOP
(SLOP OR SLOPS)
227146 BOTTOM

11484 BOTTOMS
 235804 BOTTOM
 (BOTTOM OR BOTTOMS)
 11484 BOTTOMS
 20686 ADSORB
 9949 ADSORBS
 29729 ADSORB
 (ADSORB OR ADSORBS)
 190 ADSORBTION
 2 ADSORBTIONS
 192 ADSORBTION
 (ADSORBTION OR ADSORBTIONS)
 34287 ABSORB
 20664 ABSORBS
 53575 ABSORB
 (ABSORB OR ABSORBS)
 161 ABSORBTION
 39 ABSORBTIONS
 199 ABSORBTION
 (ABSORBTION OR ABSORBTIONS)
 284932 FILTER
 148983 FILTERS
 344754 FILTER
 (FILTER OR FILTERS)
 119776 FILTRATE
 14369 FILTRATES
 129836 FILTRATE
 (FILTRATE OR FILTRATES)
 543601 FRACTION
 317060 FRACTIONS
 750496 FRACTION
 (FRACTION OR FRACTIONS)
 105000 FRACTIONATION
 2907 FRACTIONATIONS
 106647 FRACTIONATION
 (FRACTIONATION OR FRACTIONATIONS)
 22695827 PD<20020419
 (PD<20020419)
 L2 19 (SHOCHU) AND (LEEDS OR LEES OR BY-PRODUCT OR RESIDUE OR STILLAGE
 OR SLOP OR BOTTOM OR BOTTOMS) AND (ADSORB OR ADSORBTION OR ABSO
 RB OR ADSORBTION OR FILTER OR FILTRATE OR FRACTION OR FRACTIONAT
 ION) AND PD<20020419

=> d 12 19 ti

L2 ANSWER 19 OF 19 CAPLUS COPYRIGHT 2008 ACS on STN
 TI Treatment and utilization of distillation waste from soy sauce. 1.
 Components and properties of distillation waste

=> d 12 1-9 ti

L2 ANSWER 1 OF 19 CAPLUS COPYRIGHT 2008 ACS on STN
 TI Production of γ -aminobutyric acid from alcohol distillery
 issues by *Lactobacillus brevis* IFO-12005

 L2 ANSWER 2 OF 19 CAPLUS COPYRIGHT 2008 ACS on STN
 TI Production and some properties of low-salt seasoning from shochu
 distillery waste

L2 ANSWER 3 OF 19 CAPLUS COPYRIGHT 2008 ACS on STN
 TI Methods and agents for wastewater treatment by oxidation and coagulation

L2 ANSWER 4 OF 19 CAPLUS COPYRIGHT 2008 ACS on STN
 TI Stabilization of recycled water for shochu manufacture

L2 ANSWER 5 OF 19 CAPLUS COPYRIGHT 2008 ACS on STN
 TI Compositions for preventing fatty liver, their uses as food and drugs, and their manufacture from distillery slops of barley shochu

L2 ANSWER 6 OF 19 CAPLUS COPYRIGHT 2008 ACS on STN
 TI Iridoids, their extraction from Gardenia jasminoides grandiflora, and their use for fabric dyeing

L2 ANSWER 7 OF 19 CAPLUS COPYRIGHT 2008 ACS on STN
 TI Manufacture of shochu from sweet potatoes

L2 ANSWER 8 OF 19 CAPLUS COPYRIGHT 2008 ACS on STN
 TI Manufacture of liquid fertilizers from distillery slops by effective removal of organic matters

L2 ANSWER 9 OF 19 CAPLUS COPYRIGHT 2008 ACS on STN
 TI Mutagenicity of 1-methyl-1,2,3,4-tetrahydro- β -carboline-3-carboxylic acid treated with nitrite in the presence of alcohols

=> d 12 1-19 ti

L2 ANSWER 1 OF 19 CAPLUS COPYRIGHT 2008 ACS on STN
 TI Production of γ -aminobutyric acid from alcohol distillery lees by *Lactobacillus brevis* IFO-12005

L2 ANSWER 2 OF 19 CAPLUS COPYRIGHT 2008 ACS on STN
 TI Production and some properties of low-salt seasoning from shochu distillery waste

L2 ANSWER 3 OF 19 CAPLUS COPYRIGHT 2008 ACS on STN
 TI Methods and agents for wastewater treatment by oxidation and coagulation

L2 ANSWER 4 OF 19 CAPLUS COPYRIGHT 2008 ACS on STN
 TI Stabilization of recycled water for shochu manufacture

L2 ANSWER 5 OF 19 CAPLUS COPYRIGHT 2008 ACS on STN
 TI Compositions for preventing fatty liver, their uses as food and drugs, and their manufacture from distillery slops of barley shochu

L2 ANSWER 6 OF 19 CAPLUS COPYRIGHT 2008 ACS on STN
 TI Iridoids, their extraction from Gardenia jasminoides grandiflora, and their use for fabric dyeing

L2 ANSWER 7 OF 19 CAPLUS COPYRIGHT 2008 ACS on STN
 TI Manufacture of shochu from sweet potatoes

L2 ANSWER 8 OF 19 CAPLUS COPYRIGHT 2008 ACS on STN
 TI Manufacture of liquid fertilizers from distillery slops by effective removal of organic matters

L2 ANSWER 9 OF 19 CAPLUS COPYRIGHT 2008 ACS on STN
 TI Mutagenicity of 1-methyl-1,2,3,4-tetrahydro- β -carboline-3-carboxylic

acid treated with nitrite in the presence of alcohols

- L2 ANSWER 10 OF 19 CAPLUS COPYRIGHT 2008 ACS on STN
TI Solid-liquid separation in wastewater from a barley Shochu distillery using Geotrichum sp. Mill and treatment of the liquid component with Hansenula anomala and activated sludge -note-
- L2 ANSWER 11 OF 19 CAPLUS COPYRIGHT 2008 ACS on STN
TI Biological treatment of shochu distillery wastewater
- L2 ANSWER 12 OF 19 CAPLUS COPYRIGHT 2008 ACS on STN
TI Ethanol fermentation with shochu distillery waste and aromatic red rice bran
- L2 ANSWER 13 OF 19 CAPLUS COPYRIGHT 2008 ACS on STN
TI Treatment of wastewater from sweet potato shochu distillery with yeasts
- L2 ANSWER 14 OF 19 CAPLUS COPYRIGHT 2008 ACS on STN
TI Complete utilization of shochu distillery waste (I). Batchwise ethanol fermentation with Shochu distillery waste
- L2 ANSWER 15 OF 19 CAPLUS COPYRIGHT 2008 ACS on STN
TI Identification of monoterpene alcohol β -glucosides in sweet potatoes and purification of a Shiro-koji β -glucosidase
- L2 ANSWER 16 OF 19 CAPLUS COPYRIGHT 2008 ACS on STN
TI Limulus test-positive plant glycolipid, and its use in stimulating the immune system of an animal
- L2 ANSWER 17 OF 19 CAPLUS COPYRIGHT 2008 ACS on STN
TI Manufacture of seasonings from sake lees using protease and amylases
- L2 ANSWER 18 OF 19 CAPLUS COPYRIGHT 2008 ACS on STN
TI Utilization of distillation residue of spirits
- L2 ANSWER 19 OF 19 CAPLUS COPYRIGHT 2008 ACS on STN
TI Treatment and utilization of distillation waste from soy sauce. 1. Components and properties of distillation waste

=> d 12 5, 8, 10, 14, 18 ibib

L2 ANSWER 5 OF 19 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2001:390254 CAPLUS Full-text
DOCUMENT NUMBER: 134:366087
TITLE: Compositions for preventing fatty liver, their uses as food and drugs, and their manufacture from distillery slops of barley shochu
INVENTOR(S): Omori, Toshiro; Takeshima, Naoki; Mochizuki, Satoshi; Miyamoto, Akiko; Hagiwara, Miwako
PATENT ASSIGNEE(S): Sanwa Shurui Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 20 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2001145472	A	20010529	JP 2000-271638	20000907 <--
JP 3459815	B2	20031027		

PRIORITY APPLN. INFO.: JP 1999-252554 A 19990907

L2 ANSWER 8 OF 19 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 1999:49120 CAPLUS Full-text
 DOCUMENT NUMBER: 130:109714
 TITLE: Manufacture of liquid fertilizers from distillery
 slops by effective removal of organic matters
 INVENTOR(S): Kotaka, Kunihiro; Omori, Katsumi
 PATENT ASSIGNEE(S): Toray Engineering Co., Ltd., Japan; Fuji Bio Kenkyosho
 Y. K.
 SOURCE: Jpn. Kokai Tokkyo Koho, 6 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 11012073	A	19990119	JP 1997-180391	19970619 <--

PRIORITY APPLN. INFO.: JP 1997-180391 19970619

L2 ANSWER 10 OF 19 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 1995:855376 CAPLUS Full-text
 DOCUMENT NUMBER: 123:265101
 TITLE: Solid-liquid separation in wastewater from a barley
 Shochu distillery using Geotrichum sp. Mill
 and treatment of the liquid component with Hansenula
 anomala and activated sludge -note-
 AUTHOR(S): Akita, Osamu; Suzuki, Osamu; Takamine, Kazunori;
 Setoguchi, Shinji; Iwashita, Yujiro; Iefuji, Haruyuki;
 Obata, Takaji
 CORPORATE SOURCE: Natl. Res. Inst. Brewing, Higashihiroshima, 739, Japan
 SOURCE: Seibutsu Kogaku Kaishi (1995), 73(5),
 397-404
 CODEN: SEKAEA; ISSN: 0919-3758
 PUBLISHER: Nippon Seibutsu Kogakkai
 DOCUMENT TYPE: Journal
 LANGUAGE: Japanese

L2 ANSWER 14 OF 19 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 1991:678088 CAPLUS Full-text
 DOCUMENT NUMBER: 115:278088
 TITLE: Complete utilization of shochu distillery
 waste (I). Batchwise ethanol fermentation with
 Shochu distillery waste
 AUTHOR(S): Ueda, Seinosuke; Teramoto, Yuji; Ohba, Riichiro; Ueki,
 Tatsuro; Kimura, Katsuji; Shiota, Shigeomi
 CORPORATE SOURCE: Dep. Appl. Microb. Technol., Kumamoto Inst. Technol.,
 Kumamoto, 860, Japan
 SOURCE: Journal of Fermentation and Bioengineering (1991), 72(4), 270-3
 CODEN: JFBIEX; ISSN: 0922-338X
 DOCUMENT TYPE: Journal
 LANGUAGE: English

L2 ANSWER 18 OF 19 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 1987:495216 CAPLUS Full-text
DOCUMENT NUMBER: 107:95216
TITLE: Utilization of distillation residue of
spirits
AUTHOR(S): Saito, Kazuo; Nakao, Tsuyoshi; Shima, Yasuhide;
Shimoi, Hitoshi; Sato, Shunichi; Tadenuma, Makoto
CORPORATE SOURCE: Natl. Res. Inst. Brew., Tokyo, Japan
SOURCE: Nippon Jozo Kyokai Zasshi (1987), 82(6),
444-6
CODEN: NIJKA4; ISSN: 0369-416X
DOCUMENT TYPE: Journal
LANGUAGE: Japanese

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FILE 'BIOSIS' ENTERED AT 12:27:10 ON 18 MAR 2008

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D L1 2, 5, 6IBIB
D L1 6 IBIB

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D L2 1-9 TI
D L2 1-19 TI
D L2 5, 8, 10, 14, 18 IBIB

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